

SOYKOVA-PACHNEROVA, Eva, Dr.

Cervical polyps in pregnancy. Cesk. gyn. 22[36] no.4:312-315
May 57.

1. Zavodni ustav narodniho zdravi v Gottwaldove, reditelka
Dr. M. Soukalova.

(PREGNANCY, compl.

cervical polyps (Cz))

(CERVIX, NEOPLASMS, in pregn.

polypi, management (Cz))

(POLYPI, in pregn.

cervix, management (Cz))

~~SOYKOVA-PACHNEROVA, Eva, MUDr. (Gottwaldov, Gorkeho 3389)~~

Juvenile metrorrhagiaas. Cesk. gyn. 22[37] no.1/2:109-111 Jan 58.

l. I. gyn. klinika MU v Praze, prednosta prof. Dr Karel Klaus ZUMZ
v Gottwaldove, reditelka Dr. M. Soukalova.

(MENORRHAGIA AND METRORHAGIA,

(Cz))

SOYKOVA-PACHNEROVA, E.

Diagnosis of female genital tuberculosis. Cas. lek. česk. 97 no.34:
Lek. veda zahr., 176-180 22 Aug 58.

(TUBERCULOSIS, FEMALE GENITAL, diagnosis,
review (Cx))

SOYKOVA-PACHNEROVA, Eva

Results of dandren therapy in urinary incontinence. Cesk. gyn. 24[38]
no.5:373-375 June 59.

1. Por. gyn. oddeleni KUNz, Gottwaldov, prednosta dr. Vladimir Kral.
(URINATION DISORDERS, ther.

gramugenol oil prep. in incontinence in women (Cz))
(SCLEROSING SOLUTIONS, ther. use

gramugenol oil prep. in urinary incontinence in
women (Cz))

VOJTA, M., doc.; FRIEGLANDEROVA, B.; DOLEZAL, A., CSc.; KAZDA, S., CSc.;
KLIMENT, V., CSc.; KONECNA, D.; MARSAL, K.; POROADOVSKY, K., doc., CSc.;
SOYKOVA-PACHNEROVA, E., CSc.

Current problems of the psychic and somatic method of preparing for
labor. Cesk. gyn. 27[41] no.5:347-356 Je '62.
(LABOR)

SOYKOVA-PACHNEROVA, E.

Effect of thalidomide on the pathogenesis of abnormalities
in newborn infants. Cas. lek. cesk. 102 no.34:lsk. ved. zahr.
8:162-166 23 Ag '63.

1. Gyn.-por. oddeleni OUNZ v Gottwaldove, vedouci MUDr. V. Kral.
(THALIDOMIDE) (ABNORMALITIES, DRUG-INDUCED)
(PHOCOMELIA) (MATERNAL-FETAL EXCHANGE)

SOYKA,O.; SOYKOVA-PACHNEROVA, E.

Suspect findings. Cesk. gynek. 29 no.1:57-58 F'64.

1. Gyn.-por. odd OUNZ v. Gottwaldove; vedouci: MUDr.V.Kral.

RADCHENKO, D.; SOYNIKOV, F.; SERYY, G. [Siryi, H.]

Wide poultry house with over-all mechanization on the "IUzhnyi"
state farm. Sil'.bud. 12 no.4:6-9 Ap '62. (MIRA 15:8)

1. Glavnnyy inzh. sovkhoza "Yuzhnny" Krymskoy obl. (for Radchenko).
2. Glavnnyy zootehnik sovkhoza "Yuzhnny" Krymskoy obl. (for Soynikov).
3. Glavnnyy inzh.-mekhanik sovkhoza "Yuzhnny" Krymskoy obl. (for
Seryy).

(Krymskaya Province--Poultry houses and equipment)

SOYNIKOV, G.

On the eve of reports and elections. Sov.profsoiuzy 4 no.10:
43-48 0 '56. (MLRA 9:11)

1. Predsedatel' zavodskogo komiteta profsoyusa.
(Trade unions)

SOYNIKOV, L.A., mayor med.sluzhby

~~Observations of peptic ulcer patients during the postwar years.~~
~~Voen.med.zhur. no.12:80 D'57~~
~~(PEPTIC ULCER)~~

(MIRA 11:5)

S/137/62/000/003/048/191
A006/A101

AUTHORS: Sobinyakova, N. M., Soynova, M. A.

TITLE: Sorption extraction of niobium and titanium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 24 - 25, abstract
3G158 (V sb. "Mineral'n. syr'ye", no. 2, Moscow, 1961, 179 - 192)

TEXT: The authors describe in detail the process of sorption separation of Nb and Ti on anionites, and present results of investigating Nb and Ti sorption on anionites from sulfuric and oxalic acid solutions. The practical suitability of this method is evaluated when applied to processing non-conditional Nb concentrates obtained from concentration and chlorination. There are 12 references.

G. Svodtseva

[Abstracter's note: Complete translation]

Card 1/1

S/828/62/000/000/012/017
E071/E135

AUTHORS: Sobinyakova, N.M., and Soyanova, M.A.

TITLE: The extraction of niobium and titanium from sulphuric acid solutions

SOURCE: Razdeleniye blizkikh po svoystvam redkikh metallov.
Mezhvuz. konfer. po metodam razdel. blizkikh po svoyst.
red. metallov. Moscow, Metallurgizdat, 1962, 132-147

TEXT: Experiments were carried out with synthetic and technological leaching of solutions, in order to study the possibility of extraction of niobium and titanium with ion exchange substances and liquid extraction agents from sulphuric acid solutions, obtained from concentrates insufficiently enriched in niobium (containing 5 - 10% of niobium pentoxide). The optimum acidity for adsorption was investigated in pure solutions. On the anionites ЭДЭ-10П (EDE-10P) and АВ-16 (AV-16) the maximum sorption of niobium takes place from 6M H₂SO₄, and of titanium from 8M H₂SO₄. Sulphuric acid concentrations below 2M are not advantageous as iron is adsorbed in the form [Fe(SO₄)₂].

Card 1/3

S/828/62/000/000/012/017

E071/E135

The extraction of niobium and ...

sorption of iron stops at acidities above 2M. In the acidity range 1.5-4M the sorption of titanium is at a minimum and conditions are thus more advantageous for the extraction of niobium. In the range 6-7M H₂SO₄ sorption of Nb and Ti is approximately the same (if their concentrations in the solution are equal) and this range is advantageous for combined extraction of these two metals, so that the solutions impoverished in Nb and Ti can be re-used for decomposing fresh concentrates. The influence of Nb and Ti on each other when these are present simultaneously in the solutions in variable quantities was determined at acidities 3, 4 and 6M H₂SO₄. The limit concentrations of Ti/Nb at which the sorption is advantageous for Nb depends on the acid concentration and type of anionite used. On the anionite EDE-10P, with acidity decreasing from 6 to 4 to 3M H₂SO₄, the limit of preferential sorption of Nb changes from CTi/CNb = 1.15 to 1.9 and 3.8 respectively. For anionite AV-16 at 4M H₂SO₄ the ratio CTi/CNb = 2.63. The anionite AV-16 was used for the experiments on the separation of niobium and titanium from technological solutions. The metals were elutriated with 10% hydrochloric acid after a preliminary wash

Card 2/3

The extraction of niobium and ...

S/828/62/000/000/012/017
E071/E135

with 2.5% sulphuric acid which removed the adsorbed iron.
Nb was extracted with the first portions of the elutriant;
concentrates with up to 94% Nb₂O₅ and 96-99% TiO₂ were obtained.
From the sulphuric acid solutions Nb was extracted with an
alkylphosphate extracting agent 3WP-2 (EIR-2),
dibutylpyrophosphate, di-2-ethylhexylphosphate and trioctylamine.
All reagents extract niobium and titanium. The problem of
re-extraction of extracted metals and their separation is being
investigated.
There are 9 figures and 2 tables.

Card 3/3

SOYUZOV, A., doktor tekhn. nauk

First pushed barge-train for river transportation in the German Democratic Republic. Rech. transp. 22 no. 8:54-55 Ag '63.
(MIRA 16:10)

(Germany, East—Towing)

SOYUZOV, A., doktor tekhn. nauk

Letter to the editors. Rech. transp. 23 no.1:63 Ja '64.
(MJRA 18:11)

SOYUZOV, A., doktor tekhn. nauk; MELSHKIN, A., inzh.

Development of pusher tugs and pushing methods in the
United States. Rech. transp. 24 no.6:51-52 '65. (MIRA 18:8)

SOTUZOV, A.A.

Organizatsiya raboty rechnogo flota. [Organization of river fleet operation].
Dopushchено в качестве учебника для эксплуатационных факультетов ин-тов
инженеров водного транспорта. Москва, Изд-во Министерства речного флота СССР,
1950. 474 p. illus. Bibliography: p. 468-470] DLC; VK85.S6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress.
Reference Department, Washington, 1952. Unclassified.

SOYUZOV, A.A., kandidat tekhnicheskikh nauk, dotsent.

I.P.Kulibin and navigation of the Volga. Trudy GIVT 10:69-75
'51. (MIRA 10:1)
(Kulibin, Ivan Petrovich, 1735-1818)
(Inland navigation)

SOYUZOV, A. A.

Ekspluatatsionno-ekonomicheskiye raschety organizatsii rechnykh perevozok (Cost Accounting factors in the organization of river transportation) Moskva, Vodtransizdat, 1953
209 p. tables. Bibliography: p. (208)

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"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652620016-2

SOYUZOV, A., kandidat tekhnicheskikh nauk.

Towed vessels without crews. Rech.transp. 14 no.2:11-12 F '55.
(Barges) (MIRA 8:5)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652620016-2"

SOYUZOV, A.A., kandidat tekhnicheskikh nauk

Technical standards for operations of the fleet. Rech.transp.14
no.9:4-7 S'55. (MIRA 8:12)
(Inland navigation)

SOYUZOV, A.A., kandidat tekhnicheskikh nauk.

Standardizing the maximum speed of vessels. Rech.transp. 15 no.5:
18-22 My '56. (MLRA 9:8)
(Inland navigation) (Ships--Speed)

SOYUZOV, Anatoliy Anan'evich, dotsent, kandidat tekhnicheskikh nauk; IVANOV, L.A.,
retsenzent; PIVOLOZHKO, V.V., retsenzent; MIRONOV, V.P., redaktor;
MAKRUSHINA, A.N., redaktor; KRASNAYA, A.K., tekhnicheskiy redaktor.

[Organization of the work of the river fleet] Organizatsiya raboty
rechnogo flota. Izd.2-oe, perer. i dop. Moskva, Izd-vo "Rechnoi
transport," 1957. 514 p. (MIRA 10:10)
(Inland water transportation)

Name: SOYUZOV, Anatoliy Anan'yevich

Dissertation: Organization of work of internal water transport as part of the unified transport system of the USSR

Degree: Doc Tech Sci

Affiliation: Gor'kiy Inst of Engineers of Water Transport

Defense Date, Place: 15 Apr 57, Council of Inst of Complex Transport Problems, Acad Sci USSR

Certification Date: 16 Nov 57

Source: BMVO 24/57

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652620016-2

SOYUZOV, A. A. (Prof.)

"Organization of the Work of the Inland Waterway Fleet of the USSR,"

paper presented at the Sixth International Congress on Communications, Genoa, Italy
6-12 Oct. 1958.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001652620016-2"

SOYUZOV, A.A., doktor tekhn.nauk

Operation of sectional barge tows on internal waterways. Rech.transp.
17 no.3:12-15 Mr '58. (NIRA 11:4)
(Towing)

SOYUZOV, A.A., doktor tekhn.nauk

Operation of the fleet according to a unified traffic schedule in
the Volga and Kama Basins. Rech.transp. 17 no.10:7-9 0 '58.
(MIRA 11:12)

(Volga Basin--Inland water transportation)
(Kama Basin--Inland water transportation)

BOGDANOV, Boris Vladimirovich; YEFREMOV, G.V., retsenzent; SOYUZOV, A.A.,
red.; VITASHKINA, S.A., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[Tugboats and barges for towing] Tolkachi i barzhi dlja tolkaniia.
Moskva, Izd-vo "Technoij transport," 1959. 238 p. (MIRA 12:10)
(Tugboats) (Barges)

BORISOV, Ivan Gavrilovich, dots., kand. tekhn. nauk; SHARAFOV, N.I., kand. tekhn. nauk, retsenzent; GONIK, A.A., starshiy nauchnyy sotr., re-tsenzent; SOYUZOV, A.A., doktor tekhn. nauk, prof., red.; LOBANOV, Ye.M., red. izd-va; YERMAKOVA, T.T., tekhn. red.

[Organization of the transportation of lumber on inland water-ways] Organizatsiya perevozok lesa na vnutrennikh vodnykh putiakh. Izd.2., perer. i dop. Moskva, Izd-vo "Rechnoi transport," 1959. (MIRA 14:10)
254 p.
(Lumber--Transportation) (Inland water transportation)

SCYUZOV, A.A., doktor tekhn.nauk

Sectional barge trains of original design for the inland waterways of the German Democratic Republic. Rech.transp. 18 no.5:
56-57 My '59. (MIRA 12:9).
(Germany, East--Barges) (Towing)

SOYUZOV, A.A., doktor tekhn.nauk; VOLVOV, D.I., inzh.; YUSIN, V.L.,
inzh.

Applying the theory of probabilities in operating statistics.
Rech.transp. 18 no.9:7-9 S '59. (MIRA 13:2)
(Inland water transportation--Statistics)

SOYUZOV, A.A., doktor tekhn.nauk

Improving the system of technical and economic indices in the
operations of the river fleet. Rech.transp. 18: no.12:7-10
(MIRA 13:4)
D '59.
(Inland water transportation--Accounting)

GALKOVSKAYA, M.G., kand.tekhn.nauk; NAUMOV, A.I.; PYATLIN, A.A.; SVIRIDOV, A.A.; SEDOV, F.G.; KHODUNOV, M.Ye., kand.yurid.nauk; SHANCHUROV, P.N., kand.tekhn.nauk; SOVUZOV, A.A., prof., doktor tekhn.nauk, red.; GOLOVNIKOV, V.I., kand.tekhn.nauk, red.; ZOTOVA, V.V., kand.tekhn.nauk, red.; SEMENOV, Yu.E., red.; ALEKSEYEV, V.I., red.izd-va; YERMAKOVA, T.T., tekhn.red.

[River navigator's manual] Spravochnik shturmana rechnogo flota. Pod obshchsei red. A.A.Soinzova. Moskva. Izd-vo "Rechnoi transport," 1960. 631 p. (MIRA 13:7)

(Inland navigation)

SOYUZOV, A., prof., doktor tekhn.nauk; SHERSTINSKIY, E., inzh.

Results of the operational testing of the experimental sectional
barge train on the Volga River. Rech. transp. 19 no. 6:13-14
Je '60. (MIRA 14:2)

(Volga River---Towing)

SOYUZOV, A. A. (Dr. Tech. Sci.)

"Push Towing of Vessels on Inland Waterways. of the USSR."

report presented at the 20th Intl. Navigation Congress of Permanent Intl.
Association of Navigation Congresses, Baltimore, Maryland, 14-15 Sep 1961.

Prof., Gorkiy Inst. for Waterway Transport Engineers.

NAZAROV, M.S.; OVSYANNIKOV, N.G.; SOYUZOV, A.A.; MITAISHVILI, A.A.;
YUDIN, P.G.; SOLOV'YEV, I.F.; SVIRIDOV, A.A.; RUMYANTSEV, S.M.;
KOLICHENKO, K.N.; NIKULIN, M.R.; ORLOV, D.A.; MAYORSKIY, G.I.;
SEMENOV, I.Ya.; SUTYRIN, M.A.; KOVALEV, A.I.; VLASOV, A.A.;
LEVIN, Ya.L.; KLIMOVITSKIY, A.Z.; METAL'NIKOV, G.F.; PANUSHKIN,
G.P.; CHECHETKIN, A.V.; MIKHEYEV, V.D.; KOLOKOL'NIKOV, K.A.;
MOISEYEVA, A.I.; TIRON, G.I.; KRYLOVA, V.F.; GOFFMAN, Ya.M.;
BUDCHANOV, B.F.

K.I. Korshunova; an obituary. Rech. transp. 20 no.12; ~~1961~~ D '61.
(MIRA 14:12)

(Korshunova, Ksenia Ivanovna, 1910-1961)

SAV N V.I., kand. tekhn. nauk; SOYUZOV, A.A., prof., doktor
tekhn. nauk, red.

[Optimum planning in the utilization of technological
means] Optimal'noe planirovanie ispol'zovaniia tekhnicheskikh sredstv. Lecture 1. Gor'kii, Gor'kovskii in-t
inzhenerov vodnogo transporta. 1962. 17 p.
(MIRA 17:5)

FROLOV, Anatoliy Stepanovich; SOYUZOV, A.A., doktor tekhn. nauk, prof.,
retsenzent; KRUGLENKO, N.K., dots., nauchnyy red.; KSENOFONTOVA,
Ye.F., red. izd-vs; USANOVA, N.B., tekhn. red.

[Over-all organization of the merchant marine and harbor opera-
tions; theoretical principles] Kompleksnaya organizatsiya raboty
flota i portov; teoreticheskie osnovy. Moskva, Izd-vo "Morskoi
transport," 1962. 229 p. (MIHA 16:2)

(Merchant marine--Cost of operation)

(Cargo handling)

SOYUZOV, A., doktor tekhn.nauk

Problems of ship handling by the pusher method at the 20th
International Navigation Congress. Rech. transp. 21 no.5:
52-54 My '62. (MIRA 15:5)
(Navigation--Congresses) (Towing)

SOYUZOV, A., doktor tekhn. nauk

Greater development of scientific research. Rech. transp. 21
no.10:18-19 O '62. (MIRA 15:10)

(Inland water transportation—Research)

TETERYATNIKOV, Mikhail Stepanovich; YUDIN, P.G., retsenzent;
SOYUZOV, A.A., doktor tekhn. nauk, prof., retsenzent;
MAKRUSHINA, A.N., red.izd-va; BODROVA, V.A., tekhn. red.

[Organizing the routing of ship traffic and harbor operations] Organizatsia dvizhenii flota i raboty portov.
Red. A.A.Soluzov. Izd.2. Moskva, Izd-vo "Technol transport," 1963. 270 p. (MIRA 16:7)
(Inland water transportation) (Harbors)

SOYUZOV, A., dokter tekhn.nauk

Potentialities in the traffic capacity of piers. Rech. transp. 22 no.6:
19-21 Je '63. (MIRA 16:9)
(Harbers) (Cargo handling)

SOYUZOV, A., doktor tekhn.nauk

Improve the work indices of fleet and harbor operations. Rech.
transp. 22 no.2: 17 F '63. (MIRA 16:5)
(Inland water transportation--Cost of operation)

PAKHOMOV, V.B., kand. tekhn. nauk; NAUMOV, A.I., inzh.; SHEIMANOV, V.S., inzh.; KONSTANTINOV, V.P., inzh.; KOSTIN, A.M., inzh.; SEMENOV, YU.K., inzh.; PYATLIN, A.A., kapitan; VAGANOV, G.I., kand. tekhn. nauk; SVIRIDOV, A.A., inzh.; KHODUNOV, M.Ye., kand. yurid. nauk; SAPOGOVA, A.Ye., inzh.; SOYUZOV, A.A., doktor tekhn. nauk, prof., red.; VASIL'YEV, A.V., kand. tekhn. nauk; ALEKSEYEV, V.I., red.; KUSTOV, L.I., red.; VITSINSKIY, V.V., red.; BORISOV, I.G., red.; SOLAREV, N.F., red.; ANDRIYENKO, V.I., red.; SUTYRIN, M.A., red.; GOLOVNIKOV, V.I., red.; ZOTOVA, V.V., red.

[Manual for the navigator of a river fleet] Spravochnik svedovoditelia rechnogo flota. Izd.2., dop. Moskva, Transport, (MIRA 18:2) 1965. 423 p.

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for Pakhomov, Semenov, Vaganov, Vasil'yev). 2. Moskovskiy rechnoy tekhnikum (for Naumov). 3. Volzhskoye ob'yedinennoye rechnoye parokhodstvo (for Shelmanov, Sapogova). 4. Ministerstvo rechnogo flota (for Konstantinov, Swiridov). 5. Kazanskiy port (for Kostin). 6. Moskovskaya rechnoye parokhodstvo (for Pyatlin).

KOMAROV, A., doktor tekhn. nauk; FROLOV, G., inzh.; BAKHVALOVA, L., ekonomist; SOYUZOV, A.A., doktor tekhn. nauk; KOVALEV, A., inzh.; KOLESNIKOV, V., kand. tekhn. nauk

The system of general transportation indicators. Rech.
(MIRA 18:8)
transp. 24 no.7:3-7 '65.

1. Institut kompleksnykh transportnykh problem pri Gosekonomsovete SSSR (for Bakhvalova). 2. Odesskiy institut inzhenerov morskogo flota (for Soyuzov). 3. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta (for Kovalev). 4. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut morskogo transporta (for Kolesnikov).

S/058/63/000/003/068/104
A059/A101

AUTHORS: Prokopalo, O. I., Soyyer, V. G.

TITLE: Distribution of the potential in polycrystalline barium titanate

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1963, 64, abstract 3E436.
(In collection: "Segnetoelektriки". Rostov-na-Donu, Rostovsk. un-t,
1961, 120 - 122).

TEXT: In order to check the assumption concerning the different mechanism of decrease of current at low ($20 - 200^{\circ}\text{C}$) and high ($500 - 600^{\circ}\text{C}$) temperatures, the longitudinal potential distribution (PD) in BaTiO_3 samples, $8 \times 8 \times 50 \text{ mm}^3$, was measured with the temperature varied from 20 to 700°C . In the temperature range between 20 and 400°C , a deviation from linearity is observed. When the temperature is further increased above 600°C , a return to the linear PD occurs. Some measurements in different fields indicate the decrease of the temperature range in which nonlinearity occurs when the field intensity is increased. The character of PD deviation from linearity corresponds to the pattern of positive space charge build-up which is, however, in the opinion of the authors, insuffi-

Card 1/2

Distribution of the potential in...

9/058/63/009/003/068/104
A059/A101

cient for a definite solution of the problem of the reasons for PD deviations from linearity.

S. Solov'yev

[Abstracter's note: Complete translation]

Card 2/2

L 15748-66 EWP(e)/EMT(m)/EWP(t)/EWP(b) IJP(c) JD/WW/WB/GS/WH
ACC NR: AT5027948 SOURCE CODE: UR/0000/65/000/000/0125/0137

AUTHOR: Sozanova, M. V.; Komarova, G. N.

ORG: None

TITLE: Some properties of high-temperature coatings made from refractory compounds and glass

SOURCE: Seminar po zharostoykim pokrytiyam. Leningrad, 1964. Zharostoykiye pokrytiya (Heat-resistant coatings); trudy seminara. Leningrad, Izd-vo Nauka, 1965, 125-137

TOPIC TAGS: Corrosion protection, gas corrosion, carbide, silicide, refractory product, crystal structure, refractory compound, glass, protective coating, corrosion resistance, high temperature coating

ABSTRACT: Some refractory compounds containing no oxygen have been suggested for use in combination with glass for protective coatings of various materials against high-temperature gas corrosion. A study was made of the properties of samples of transition metal carbides, borides, and silicides and refractory glass containing 78.2% SiO_2 , 20.6% B_2O_3 , and 1.2% Al_2O_3 in order to find compounds suitable for

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ACC NR: AT5027948

synthesizing a high-temperature coating on the silicified surface of graphite.
Resistance to oxidation at high temperatures of the samples containing the refractory compounds and glass was controlled by the temperature at the beginning of active oxidation. The samples containing MoSi₂ and WSi₂ had the highest resistance to oxidation at high temperature. It was impossible to increase (by their inclusion into a ground mass of refractory glass) the oxidation resistance of coatings with glass and TiC, Cr₃C₂, E₄C, TiB₂, and CrB₂, which oxidized at a lower temperature than MoSi₂ and WSi₂. New crystalline phases of unknown composition were formed by a chemical reaction of the glass with the refractory compounds during hot pressing. The stability of refractory compounds containing no oxygen in boiling solutions of H₂SO₄, HCl, and HNO₃ depended in most cases on the chemical stability of the refractory compounds. The only exceptions were samples containing TiC and TiB subjected to the action of HNO₃. Compounds containing MoSi₂ and WSi₂ were promising for the production of coatings that were resistant both to high temperatures in air and to boiling acid solutions. The glass-metal silicide layers applied to the silicified surface of graphite provided protection against burning for >100 hours at 1400-1500 C or for a short time at 2000 C. Orig. art. has 7 figures and 4 tables.

SUB CODE: 111 SUBM DATE: 20Jul65/

NR REF Sov: 009/ OTHER: 001

2/2mc

SOZANSCHI, M.
DINULESCU, Gh.; STOEMESCU, D.; RICMAN, T.; RAUCHBACH, C.; DRAGOI, I.; SOZANSCHI, M.;
NEGRU, D.; DONCIU, Iv.; GIUGLEA, M.

Studies of the incidence of several helminth infections in humans and
the relation of the latter to canine helminthiasis. Stud. cercet.
inframicrobiol., Bucur. 8 no.2:297-303 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei
R.P.R. in sedinta din 17 octombrie 1956.

(HELMINTH INFECTIONS, epidemiology
in rural Rumania, incidence & distribution, relation to
canine helminthiasis)

SOZANSKAYA, Ye.

BELYAYEV, L., kand. fiz.-mat. nauk; SOZANSKAYA, Ye.

Scintillation crystals. IUn. tekhn. 2 no.9:26-29 S '57. (MLRA 10:9)

1. Nauchnyy sotrudnik Vsesoyuznogo Instituta razvedochnoy geofiziki
(for Sozanskaya). (Scintillation counters)

SOZANSKAYA, YE. YE.
SOKOLOV, M. M.

"Quick Analysis of Rocks and ores by means of diffuse beta-ray scattering."

SOKOLOV, M. M., and SOZANSKAYA, YE. YE.

"Gamma-ray spectrometry in boreholes for quantitative determination of heavy elements."

reports to be submitted for the Conference on Nuclear Geophysics,
Krakow, Poland, 24-30 Sept 1962.

SOZANSKAYA, Ye.Ye.

Using beta backscattering in determining the effective atomic number and the concentration of heavy elements in powder samples of rocks and ores. Sbor. st. MGION no.1:129-134 '62. (MIRA 16(1))
(Radioactivity)

(Rocks--Sampling and estimation)
(Ores--Sampling and estimation)

GRZEGORZEK, Henryk, mgr.inz.; MARONA, Rudolf, mgr; SOZANSKI, Jakub, mgr.inz.

Recent type of distillation furnaces for the production of raw zinc.
Rudy i metale '7 no.6:275-279 Je '62

SOZANSKI, Jerzy, mgr inz.

Overflow movement of the cascade in the power station of the lower
Vistula River. Gosp wonda 20 no.5:198-202 My '60. (ERAI 9:9)
(Vistula River) (Cascades (Fluid dynamics))
(Hydroelectric-power stations)

GORA, Stanislaw, dr., inz.; SOZANSKI, Jerzy, mgr., inz.

Application of calculating machines to electric power problems
Przegl elektrotechn 37 no.8:323-328 '61.

(Electronic calculating machines)

SOZANSKI, Jerzy, mgr inz.

Modeling the undetermined hydraulic state in the river bed on the basis
of the characteristic sector method. Gosp. wodna 22 no.11:496-498 N
'62.

1. Katedra Elektrowni Gazyki, Politechnika, Gdansk.

SOZANSKI, Jerzy, mgr inz.

Economic method of calculating summit water power stations. Gosp
wodna 23 no.1:6-12 Ja '63.

1. Katedra Elektroenergetyki, Politechnika, Gdańsk.

GORA, Stanislaw, dr inz.; SOZANSKI, Jerzy, dr inz.

Hydraulics and economic aspects of the synchronous operation
of an overrolling waterfall in the lower Vistula River. Archiv
hydrotech. 11 no.1:21-56 '64.

1. Katedra Elektroenergetyki, Politechnika, Gdansk.

SOZANSKI, Jozef

From the activities of the Section of the Association of Engineers
and Technicians of the Petroleum Industry at the Processing Unit
in Krosno. Wiad naft 7 no.12:286-287 '61.

SOZANSKI, STANISLAW

CH
HO Production methods for crystalline edible glucose.
Wladyslaw Blelecki, Edmund Rydzewski, and Stanislaw
Sozanski. *Prace Inst. i Lab. Budowanych Przemyslu*,
Numer 1 Spotywczego 5, No. 1, 22-32(1955).—Development studies were conducted to work out an efficient and
economic method of manuf. of cryst. glucose from potato
starch. Suspensions of potato starch of 22-3° Brix should
be used for hydrolysis. Higher concns. cause colat. de-
velopment in glucose and yield products which crystallize
with difficulty. When HCl or H₂SO₄ are used as catalysts
and concn. of starch is 22-3° Brix, it is recommended that
0.6% of HCl or 0.8% H₂SO₄/H₂O (percentage based on
anhyd. starch) be used. The temp. should be 142-7° at
3-3.5 atm. for 40-60 min. The final pH should be 4.7-4.8.
The neutralizer for HCl is calcinated soda, and for H₂SO₄
10% NH₄OH. After mech. filtration with suspended Celite,
the juice is purified with activated carbon (contact with
carbon for 20-30 min.). Temp. of the juice is 80°. It is
advisable to maintain the pH of 4.7-4.8 during the carbon
treatment. Concn. of the juice should be carried out at
pH of 4.3-4.2. Concn. has been carried out in 3-stage
evaporators. The final concn. is 50° Brix. The concd.
juice is filtered through cotton fabric, cooled down to 50°,
and fed into the crystallizers. Centrifuging, drying, and
steaming followed this operation. Quality standards for the
final product are proposed. Adam J. Plkor.

(2)

SOZANSKI, T.
DECOWSKI, M.

Production of hyaluronidase by Erysipelothrix rhusiopathiae. I. Occurrence. p. 201.

ACTA MICROBIOLOGICA POLONICA. (Polskie Towarzystwo Mikrobiologow. Sekcja Mikrobiologii Ogolnej, Rolniczej i Przemyslowej)
Warszawa. Vol. 7, no. 3, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

SOZANSKIY, A.M., nauchnyy sotrudnik

Sugar, chloride and nicotinic acid content of the amniotic fluid and blood in normal and pathological pregnancy [with summary in English]. Akush. i gin. 34 no.5:21-23 S-0 '58 (MIRA 11:10)

1. Iz akushersko-ginekologicheskogo otdela (rukovoditel' - doktor meditsinskikh nauk A.I. Vylegzhannin) L'vovskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva.

(PREGNANCY, metab.)

sugar, chlorides & nicotinic acid content in blood
& amniotic fluid (Rus))

(PREGNANCY TOXEMIAS, metab.)
same (Rus)

(CARBOHYDRATES, metab.)

sugar, blood & amniotic fluid content in normal
& toxemic pregn. (Rus))

(CHLORIDES, metab.)
same (Rus))

(NICOTINIC ACID, metab.)
same (Rus))

(BLOOD SUGAR,
in pregn.& pregn.toxemias (Rus))

SOZANSKIY, A.M., mladshiy nauchnyy sotrudnik

Some biochemical indexes of the composition of the amniotic fluid
in hydramnios. Kaz. med. zhur. no. 4:38-40 Jl-Ag '60.

(MIRA 13:8)

1. Iz akushersko-ginekologicheskogo otdela L'vovskogo nauchno-
issledovatel'skogo instituta okhrany materinstva i detstva
(nauchnyy rukovoditel' raboty - doktor meditsinskikh nauk
A.I. Vylegzhannin).
(PREGNANCY, COMPLICATIONS OF) (AMNIOTIC FLUID).

SOZANSKIY, A.M. [Sozans'kyi, A.M.], nauchnyy sotrudnik

Diagnosis of amniorrhea. Ped. akush. i gin. 22 no. 1:50-52
'60. (MIRA 13:8)

1. L'vovskiy nauchno-issledovatel'skiy institut okhrany
materinstva i detstva (dir. - kand.med.nauk L.Ya. Davidov
[L.IA. Davydov], nauchnyy rukovoditel' - doktor med.nauk
A.I. Vylegzhannin [A.I. Vylehzhanin]).
(AMNIOTIC FLUID)

SOZANSKIY, A.N. (L'vov); KORYTKO, A.S. (L'vov)

Local treatment of trichomonal colpitis with a 40% solution of
urotropine. Fel'd. i akush. 25 no.11: 50-53 N '60. (MIRA 13:11)
(VAGINA--DISEASES)
(HEXAMETHYLENTRAMINE)

SOZANSKIY, A.M.

Origin of fern-like crystals in mucus from the canal of the cervix uteri and the diagnostic significance of the phenomenon of arborization. Akush.i gin. 36 no.1:100-104 Ja-F '60.
(MIRA 13:10)

(UTERUS)

SOZANSKIY, A.M.

Biochemical composition of the amniotic fluid and blood in mother and fetus in various stages of pregnancy. Biul. eksp. biol. i med. 51 no.3:64-67 Mr '61. (MIRA 14:5)

1. Iz akushersko-ginekolgoicheskogo otdela L'vovskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva (dir.-kand.med.nauk L.Ya. Davydov, nauchnyy rukovoditel' raboty - doktor meditsinskikh nauk A.I.Vylegzhhanin) Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.

(AMNIOTIC FLUID) (PREGNANCY) (FETUS)
(BLOOD)

SOZANSKIY, A.M.

Biochemical characteristics of the amniotic fluid in late pregnancy
toxemias. Akush. i gin. 37 no.2:27-30 F '61. (MIRA 14:3)

1. Iz akushersko-ginekologicheskogo otdela L'vovskogo nauchno-
issledovatel'skogo instituta okhrany materninstva i detstva
(dir. - kand.med.nauk L.Ya. Davydov; nauchnyy rukovoditel'
raboty - doktor med.nauk A.I. Vylegzhannin).
(PREGNANCY, COMPLICATIONS OF) (AMNIOTIC FLUID)

SOZANSKIY, A.M.

Two cases of hydramnios in atresia of the duodenum of intra-uterine fetus. Vop. okh.mat. i det. 7 no.12:81 D:62. (MIRA 16:7)

1. Iz akushersko-ginekologicheskogo otdela L'voyskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva.
(CHILDREN—DISEASES) (GYNECOLOGY)

STARUKH, R.M.; SOZANSKIY, O.M. [Sozans'kyi, O.M.]

Giant cystoma of the ovary. Ped., akush. i gin. 24 no.1:
3 of cover '62. (MIR 16:8)

1. Akushersko-ginekologicheskiy otdel (zav. - kand. med. nauk
S.I.Tregub [Trehub, S.I.] L'vovskogo instituta okhrany mate-
rinstva i detstva (direktor - kand.med.nauk L.Ya Davidov
[Davydov, L.IA.]) i L'vovskaya oblastnaya klinicheskaya bol'-
nitsa (glavnyy vrach - T.I.Plakhova).
(CYSTS) (OVARIES--TUMORS)

SOZANS'KIY, O.M. [Sozans'kyi, O.M.]

Characteristics of the biochemical composition and crystallization of the amniochorionic fluid. Ped., akush. i gin. 25. no. 2:46-49 '63. (MIRA 16:9)

1. L'viv's'kiy naukovo-doslidniy institut okhoroni materinstva y ditinstva (direktor - kand.med.nauk. L.Ya Davidov [Davydov, L.IA]). Naukoviy kerivnik - doktor med.nauk A.I.Vilegzhannin [Vylehzhannin, A.I.].
(AMNIOTIC FLUID)

SOZANOV, Boris Viktorovich

[Blast furnace gas-turbine plants] Domennye gazoturbinnye ustanovki. Moskva, Metallurgiia, 1965. 265 p.
(MIRA 18:5)

SOZANSKI, Jerzy, dr.inz.

Economic selection of the parameters of the intermediate
stages of a waterfall spillway. Gosp wodna 23 no.ll:
414-418 N°63.

ZINGMAN, I.I.; KISELEV, Ya.Ye.; SOZANSKIY, S.G.; ENTIS, M.G.

Increasing the output of a rotary kiln working on natural gas.
Tsentral'noye Nauchno-tekhnicheskoye Upravleniye
Tsentral'nyy nauchno-issledovatel'skiy in-t po gornyym iskusstvam
(NIIgornye)
Tsentral'nyy nauchno-issledovatel'skiy in-t po gornyym iskusstvam
(Kilns, Rotary)

SOZANSKIY, S., inzhener.

Increasing the strength of refractory linings and lowering
fuel consumption for clinker burning. TSement 22 no.1:27 Ja-F
'56. (MLRA 9:6)

1.Nikolayevskiy tsementnyy zavod.
(Nikolayev--Cement industries) (Refractory materials)

SOZANSKIY, S., inzh.

Source of additional cement production. Stroi. mat. 4 no.12:11
D '58. (MIEA 11:12)
(Cement)

SOZANSKIY, S.G.; TURKOT, I.M.; SHINKARENKO, O.G.

Laying grooved linings in rotary kilns. TSement 26 no.2:20-21
Mr-Ap '60. (MIRA 13:6)
(Kilns, Rotary)

SOZANSKIY, S.G.; BEVZ, A.N.

How we obtained an increase in cement output. TSement 27 no.3:
23-24 My-Je '61. (MIRA 14:7)
(Cement plants--Technological innovations)

SOZANSKIY, S.G.; MEFODOVSKIY, V.Ya.

Improving suction in cement mills. TSement 23 no.4:19 J1-Ag '62.
(MIRA 15:7)

1. Nikolayevskiy zavod.
(Milling machinery) (Cement plants)

BOZANOVSKIY, S.G., inzh.

Cement and economics, Tsement 30 no.3:13-14 May-Je '64.

(MIRA 17:11)

1. Direktor Nikolayevskogo tsementnogo gornogo kombinata.

SOZANSKIY, V.I. [Sozans'kyi, V.I.]

Characteristics of the distribution of oil and gas accumulations
in the Dnieper-Donets Lowland. Dop. AN URSR no.9:1213-1215 '64.
(MIRA 17-11)

1. Institut geologicheskikh nauk AN UkrSSR. Predstavлено akademikom
AN UkrSSR V.B. Porfir'yevym [Porfyr'iev, V.B.].

SOZANSKIY, V.I. [Sozans'kyi, V.I.]

On the origin of structures of the Dnieper-Donets Depression.
Dop. AN UkrSSR no.12:1625-1628 '62. (MIRA 16:2)

1. Institut geologicheskikh nauk AN UkrSSR. Predstavлено akademikom AN UkrSSR V.G. Bondarchukom (Bondarchuk, V.H.).
(Dnieper-Donets Lowland—Geology, Structural)

SOZAN'SKIY, Ye.A., inzh.

Hydraulics of the synchronized operation of a hydroelectric power station cascade on flat rivers. Gidr.stroi. 31 no.4:44-48 Ap '61.
(MIRA 14:5)

I. Gdan'skiy politekhnicheskiy institut, Pol'skaya Narodnaya
Respublika.
(Hydroelectric power stations) (Rivers)

SOZANSKIY, Z.

Thermal-impulse oil pressure gauge and gasoline gauge models.
Avt.transp. 33 no.3:31-32 Mr '55. (MIRA 8:5)
(Automobiles - Fuel systems) (Pressure gauges)

SOZANSKIY, Z. prepodavatel' tekhnikuma (Dnepropetrovsk); RUBAN, V., prepodavatel'
tekhnikuma (Dnepropetrovsk)

From the exhibition to training classes. Za rul. 20 no.7:11 Jl '62.
(MIRA 15:7)

1. Dnepropetrovskiy avtodorozhnyy tekhnikum.
(Dnepropetrovsk—Automobiles—Models)

S. SOZAYEV, S.M.

ZHIRYAKOV, N.I.; LESYUK, B.Z.; RABINOVICH, B.V.; SOZAYEV, S.M.; FEYGIN, V.I.

Automatic control in the production of zinc. Tsvet. met. 27 no.1:
30-41 Ja-F '54. (MLRA 10:9)
(Automatic control) (Zinc--Metallurgy)

Горячий, А.И., горячий инженер; Григорьев, В.В., горячий инженер;
Коновалов, А.А., горячий инженер; Савицкий, И.И., горячий инженер.

Reduce unnecessary volume of major sine worklets. Get zhur. no. 6: 14-16 as 1st. (With 10:2) (Sizing engineering) (line management)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001652620016-2"

AUTHOR: Sozayev, S. M., Engineer.

138-9-1/14

TITLE: Problems and possibilities of automatic enrichment
plants ('Zadachi i vozmozhnosti
avtomatizatsii raboty oogatitel'nykh fabrik).

PERIODICAL: Tsvetnyye Metally, 1957, No.9, pp. 1-9 (USSR)

ABSTRACT: The author considers the nature of the stages of
beneficiation processes as they affect the possibilities
of applying complex automation. He names the following
organizations as having worked in the last 10 to 15 years
on the automation of non-ferrous metallurgical beneficiation
plants and notes that there is still no such plant in the
U.S.S.R. with complex automation: the Makhanobr and
Gintsvermet Institutes, the design office (KB) of
Tsvetmetavtomatika, the Central Automation laboratory,
and automation laboratories at the Leninogorsk, Noril'sk
and Tyrny-Arzsk combines, the Balkhash copper-smelting
works and others. He considers that in view of Soviet
inexperience in this field and deficiencies of equipment
work should first concentrate on automation of stages
where existing proved equipment can be used and only
later attempt to tackle stages requiring new equipment.

Card 1/2 The author then considers the possibilities of automating

125-9-1/14

Problems and possibilities of automating enrichment plants.

the following stages, discussing available Soviet equipment: crushing and screening, comminution, classification and flotation; thickening, filtration and drying; preparation and introduction of reagents; processes in concentrate stores; the handling of tailings; ancillary operations. The author concludes by calling for the direction of automation by the highest government agencies.

AVAILABLE: Library of Congress.

Card 2/2 1. Industry-Automation

S/118/62/000/007/001/002
D262/D308

AUTHOR: Sozayev, S.M., Engineer

TITLE: Automatic pouring of non-ferrous metals

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva,
no. 7, 1962, 7 - 8

TEXT: The article describes the method of operating of a rotating, copper pouring machine for moulded castings of copper anodes, employed by the Noril'skiy mining and metallurgical combine. Diagrams showing the plant arrangement and circuits of the electrical system used on the plant are included and described in detail. It is stated that this method permits anodes to be obtained with a maximum deviation of 2 - 3 kg. There are 2 figures.

Card 1/1

SOZAYEV, S.M.

On the road toward complex automatic control of industrial
processes. TSvet. met. 35 no.11:15-24 N '62. (MIRA 15:11)
(Nonferrous metals--Metallurgy) (Automation)

SozAYTI, T.V.

112-3-5834

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3,
pp. 113-113 (USSR)

AUTHOR: Sozayti, T.V.

TITLE: Scientific Research Projects of the All-Union Electrical Engineering Institute imeni V.I. Lenin Completed in 1954 (annotations) (Nauchno-issledovatel'skiye raboty Vsesoyuznogo elektrotekhnicheskogo instituta im. V.I. Lenina, vypolnennyye v 1954 g (annotatsii))

PERIODICAL: Inform.-tekhn. sb. M-vo elektritekhn. prom-sti SSSR, 1956, Nr 3 (87), pp. 29-33

ABSTRACT: Bibliographic entry.

ASSOCIATION: Ministry of Electrical Industry of the USSR (M-vo elektritekhn. prom-sti SSSR)

Card 1/1

SOZI, T.A. (Leningrad, B.O., 14-ya liniya, d.51, kv. 21)

Resection of the ileocecal angle in a four-and-one-half-year-old child. Vest.khir. 81 no.12:84-85 D '58. (MIRA 12:2)

1. Iz kliniki detskoj khirurgii (impolnyayushchiy chuzannosti zav. - G.V. Chistovich) Leningradskogo pediatriceskogo meditsinskogo instituta.

(INTESTINAL OBSTRUCTION, in inf. & child
surg. resection of ileocecal angle in 4 1/2
year old child (Rus))

SOZI, T.A. (Leningrad, V.O., 14-ya liniya, d.51, kv.21)

Bilateral echinococcosis of the lungs in a six-year-old girl.
(MIRA 13:2)
Vest.khir. 83 no.9:111-113 S '59.

1. Iz kafedry khirurgii detskogo vozrasta (zaveduyushchiy - doktor
med.nauk S.Ya. Doletskiy) Leningradskogo pediatricheskogo meditsin-
skogo instituta.

(ECHINOCOCCOSIS, in inf. & child.)
(LUNG DISEASES, in inf. & child.)

SOZI, T.A.

Operative treatment of patients with Hirschsprung's disease in
children. Vest. khir. 85 no. 8:67-71 Ag '60. (MIR 14:1)
(COLON-SURGERY)

SOZI, T.A. (Leningrad, V-178, 14-ya liniya, d.51, kv.21)

Phlegmonous appendicitis in strangulated hernia in a child.
Vest. khir. 91 no.8:112-113 Ag'63 (MIRA 17:3)

1. Iz khirurgicheskogo otdeleliya (ispolnyayushchiy obyazannosti zaveduyushchego - N.N. Zyrina) bol'nitsy imeni N.K. Krupskoy (glavnyy vrach - A.I. Chezhina), Leningrada.

SOZI, T.A. (Leningrad, V-178, 14-ya liniya, 51. kv. 21)

Duplication of the large intestine in a child. Vest. khir.
(MIRA 17:9)
92 no.2:85-86 F '64.

1. Iz khirurgicheskogo otdeleniya (zav.- Ye. A. Pavlova)
bol'nitsy imeni N.K. Krupskoy (glavnnyy vrach - A.I. Chezhina)
Leningrada.

SOZANSKIY, V.I. [Sozans'kyi, V.I.]

Formation of the Dnieper-Donets Lowland. Dop. AN UkrSSR no.10:
1349-1352 '62. (MIRA 18:4)

1. Institut geologicheskikh nauk AN UkrSSR.